

Application Serial No.: 09/971,990

12.(Original) The method of claim 1, wherein said association data is stored at a central network authority.

13.(Original) The method of claim 1, wherein said association data is used to update data at a central network authority.

14.(Original) The method of claim 1, further comprising:
repeating said generating and updating each time a mobile unit in said network detects signal data containing accurate timing information.

15.(Original) The method of claim 1, further comprising:
repeating said generating and updating each time a mobile unit in said network is instructed to detect signal data containing accurate timing information.

16.(Original) The method of claim 1, further comprising:
forwarding a portion of said network timing information to a second mobile unit.

17.(Previously presented) A network timing system, comprising:
a receiver at a mobile unit in an area serviced by a base station, said receiver configured to detect signal data containing accurate timing information, said signal data received from a source other than a base station;
a processing device configured to derive accurate timing information from said signal data; and
a central network authority, coupled to receive said accurate timing information and configured to generate association data associating said accurate timing information with base station timing information maintained by said base station, and to provide said accurate timing information and association data to said base station to provide updated network timing at said base station.

18.(Original) The network timing system of claim 17, further comprising: